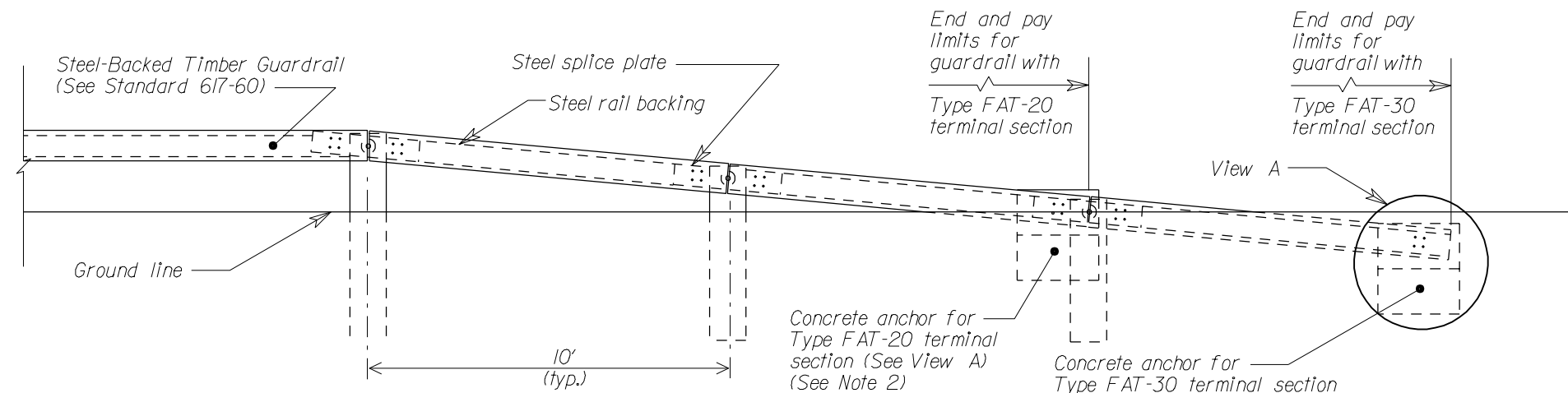
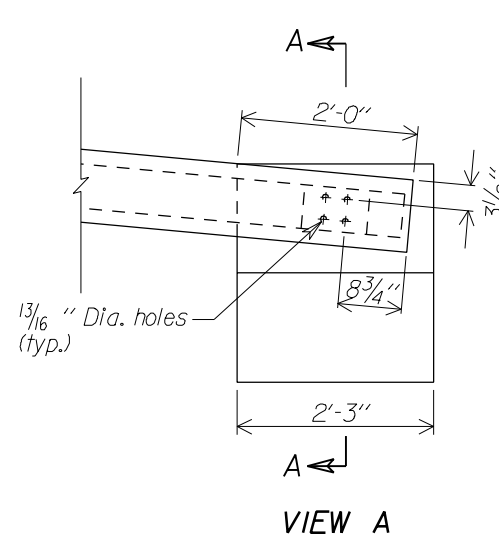


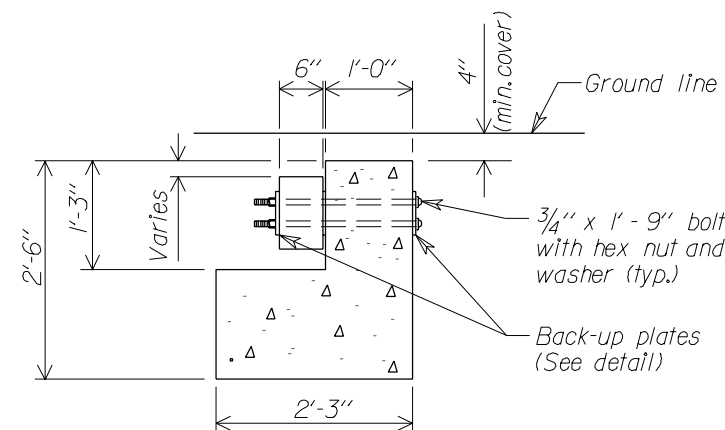
PLAN



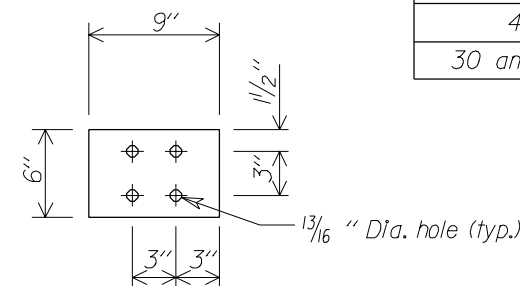
ELEVATION



VIEW A



SECTION A-A



BACK-UP PLATE DETAIL
6" x 1/2" x 9"

Notes:

1. Use 30-foot long Type FAT-30 (Flared Anchored Terminal) terminal section or the 20-foot long Type FAT-20 (Flared Anchored Terminal) terminal section as specified.
2. For the Type FAT-20 terminal section, the third rail on the Type FAT-30 terminal section is deleted and the concrete anchor is relocated to the end of the second rail. See Standard 204-1, Earth Berm for Roadside Barrier Terminal Sections, for construction of the earth berm.
3. For the Type FAT-30 terminal section, extend the fill widening a minimum of 5 feet behind the guardrail, unless otherwise directed by the CO.
4. The guardrail flare shown in the plan view is the minimum length and rate required. As directed by the CO, flare the guardrail so that the terminal section is outside the clear zone. If the terminal section cannot be located outside the clear zone, it should be flared as far as practical from the road at the maximum rate indicated on the Guardrail Flare Rates table.
5. See Standard 617-60, Steel-Backed Timber Guardrail, Type A and B, for timber, structural steel, and hardware details.
6. On the Type A, blocked-out guardrail, include the blocks in the terminal section, except on the concrete anchor. For the Type B, non-blocked-out guardrail, no blocks are included.

GUARDRAIL FLARE RATES

Design Speed (mph)	Shy line offset (ft)	Flare rate inside shy line (a:b)	Flare rate outside shy line (a:b)
60	8.0	26:1	13:1
50	6.5	21:1	11:1
40	5.0	17:1	9:1
30 and less	3.5	13:1	7:1

No Scale

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY	
STANDARD STEEL-BACKED TIMBER GUARDRAIL TERMINAL SECTION, TYPE FAT-30 AND TYPE FAT-20	
STANDARD APPROVED FOR USE --/----	STANDARD 617-61